EAST

Ref Hits Search Query DBs Default **Plurals** Time Stamp # Operator S1 356132 ((radio near2 frequenc\$3) | "RF") US-PGPUB; OR OFF 2005/12/05 08:27 USPAT; EPO; JPO; **DERWENT** S2 2854 ((row | column | gate) near5 **US-PGPUB**; OR OFF 2005/12/05 08:47 antenna) USPAT; EPO; JPO; DERWENT **S3** 69691 ((column | vertical | horizontal) US-PGPUB; OR OFF 2005/12/05 08:47 near5 detect\$4) USPAT; EPO; JPO; DERWENT **S4** 59040 ((row | vertical | horizontal) near5 **US-PGPUB:** OR **OFF** 2005/12/05 08:03 detect\$4) USPAT; EPO; JPO; DERWENT **S5** 27 S1 & S2 & S3 & S4 US-PGPUB; OFF OR 2005/12/05 08:05 USPAT; EPO; JPO; **DERWENT S6** 1161475 OFF ((horizontal\$2 & vertical\$2) | ("x" & **US-PGPUB**; OR 2005/12/05 08:07 "y") near5 (position\$1 | location\$1)) USPAT; EPO; JPO; DERWENT **S7** 345 S1 & S2 & S6 US-PGPUB; OR OFF 2005/12/05 08:07 USPAT; EPO; JPO; **DERWENT S8** OFF 83150 ("345"/\$!.ccls. | "178"/\$!.ccls.) **US-PGPUB:** OR 2005/12/05 08:08 USPAT; EPO; JPO; **DERWENT S9** 2 S7 & S8 **US-PGPUB**; OR **OFF** 2005/12/05 08:09 USPAT; EPO; JPO; DERWENT S10 5 S1 & S2 & S8 **US-PGPUB**: OFF OR 2005/12/05 08:12 USPAT; EPO; JPO; **DERWENT S11** 52312 ((first near5 signal\$1 near5 **US-PGPUB:** OFF OR 2005/12/05 08:14 detect\$4) & (second near5 signal\$1 USPAT; near5 detect\$4)) EPO; JPO; DERWENT **S12** 456 S6 & S11 & S8 US-PGPUB; OR OFF 2005/12/05 08:15 USPAT; EPO; JPO; DERWENT

|     |         |   |   | <u> </u> |     |                  |
|-----|---------|---|---|----------|-----|------------------|
| S13 | 41      | S1 & S6 & S11 & S8  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR       | OFF | 2005/12/05 08:16 |
| S14 | 370976  | ((radio near5 frequenc\$3)   "RF")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR       | OFF | 2005/12/05 08:27 |
| S15 | 369883  | ((row   column   gate   source) near5 (antenna   transmit\$4   receiv\$3))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR       | OFF | 2005/12/05 08:29 |
| S16 | 783     | S8 & S14 & S15  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR       | OFF | 2005/12/05 08:29 |
| S17 | 373     | S8 & S14 & S15 & S6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR       | OFF | 2005/12/05 08:32 |
| S18 | 47      | S3 & S8 & S14 & S15 & S6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR       | OFF | 2005/12/05 08:33 |
| S19 | 44      | S3 & S4 & S8 & S14 & S15 & S6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR       | OFF | 2005/12/05 08:43 |
| S20 | 13      | ("3904822"   "4686332"   "4719457"<br>  "4818851"   "4839634"  <br>"5283556"   "5410329").PN. OR<br>("5581274").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR       | OFF | 2005/12/05 08:42 |
| S21 | 184632  | wire\$1less\$2  | US-PGPUB;<br>USPAT;<br>USOCR                | OR       | OFF | 2005/12/05 08:43 |
| S22 | 40      | S3 & S4 & S8 & S21 & S15 & S6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR       | OFF | 2005/12/05 08:46 |
| S23 | 2454438 | (wire\$1less\$2 transmit\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR       | OFF | 2005/12/05 08:46 |
| S24 | 60491   | (wire\$1less\$2 near5 transmit\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR       | OFF | 2005/12/05 08:46 |
| S25 | 117193  | ((row   column   gate) near5<br>receiv\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR       | OFF | 2005/12/05 08:47 |

| S26 | 422462 | ((position   column   vertical  <br>horizontal) near5 detect\$4)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/05 08:48 |
|-----|--------|--|---|----|-----|------------------|
| S27 | 19     | S26 & S4 & S24 & S25   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/05 08:48 |
| S28 | 227988 | (((horizontal & vertical)  <br>coordinate\$) near7 (position\$3  <br>detect\$4)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/05 08:51 |
| S29 | 8524   | (wire\$1less\$2 near (transmit\$4 & receiv\$3))                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/05 08:52 |
| S30 | 83150  | ("345"/\$!.ccls.   "178"/\$!.ccls.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/05 08:53 |
| S31 | 42     | S28 & S29 & S30  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/05 09:13 |
| S32 | 1073   | (gate\$1   column\$1   row\$1   source\$1) near5 (wireless near4 receiv\$3)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/05 09:20 |
| S33 | 37     | S30 & S32  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/05 09:20 |
| S34 | 3      | S28 & S33  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/05 09:21 |
| S35 | 34     | S33 not S34  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/05 09:17 |
| S36 | 38364  | (gate\$1   column\$1   row\$1  <br>source\$1) near5 (receiver)                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/05 09:20 |
| S37 | 520    | S30 & S36  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/05 09:20 |

| S38 | 103     | S28 & S37   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/12/05 09:27 |
|-----|---------|---|---|------|-----|------------------|
| S39 | 2044    | (wire\$1less\$2   "RF"   (radio adj<br>frequenc\$3)) near8 (position\$2  <br>co\$1ordinat\$3   horizontal\$2  <br>vertical\$2) near8 detect\$4                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/12/05 09:36 |
| S40 | 82      | S30 & S39   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/12/05 09:33 |
| S41 | 2694551 | (pen   stylus   input)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/12/05 09:38 |
| S42 | 78      | S40 & S41   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/12/05 09:38 |
| S43 | 143882  | (pen   stylus)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/12/05 09:38 |
| S44 | 50      | S40 & S43   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/12/05 09:38 |
| S45 | 13      | ("4492819"   "4631356"   "4845684"<br>  "4999461"   "5166668"  <br>"5483262"   "5541371").PN. OR<br>("5854881").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR   | OFF | 2005/12/05 10:18 |
| S46 | 214     | (row   gate) near8 detect\$4 near8<br>(wire\$1less\$2   "RF"   (radio adj<br>frequenc\$3))  | US-PGPUB;<br>USPAT;<br>USOCR                | OR . | OFF | 2005/12/05 10:20 |
| S47 | 7       | S30 & S46   | US-PGPUB;<br>USPAT;<br>USOCR                | OR   | OFF | 2005/12/05 11:14 |
| S48 | 49      | ((row   column   video   vertical  <br>horizontal   gate   source) near3<br>driv\$3) near5 ((receiv\$3   detect\$3)<br>near5 ("RF"   (radio adj<br>frequenc\$3))) | US-PGPUB;<br>USPAT;<br>USOCR                | OR   | OFF | 2005/12/05 13:42 |
| S49 | 65      | ((row   column   video   vertical  <br>horizontal   gate   source) near3<br>line\$1) near5 ((receiv\$3   detect\$3)<br>near5 ("RF"   (radio adj<br>frequenc\$3))) | US-PGPUB;<br>USPAT;<br>USOCR                | OR   | OFF | 2005/12/05 12:10 |

| S50 | 69  | ((row   column   video   vertical  | US-PGPUB;                    | OR   | OFF | 2005/12/05 12:28 |
|-----|-----|--|------------------------------|------|-----|------------------|
|     | ••  | horizontal   gate   source) near3<br>driv\$3) near5 ((receiv\$3   detect\$3)<br>near5 ("RF"   (radio adj frequenc\$3)<br>  wire\$1less\$2))  | USPAT;<br>USOCR              |      |     | 2005/12/05 12:20 |
| S51 | 79  | ((row   column   video   vertical  <br>horizontal   gate   source) near3<br>line\$1) near5 ((receiv\$3   detect\$3)<br>near5 ("RF"   (radio adj frequenc\$3)<br>  wire\$1less\$2)) | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2005/12/05 12:10 |
| S52 | 20  | S50 not S48  | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2005/12/05 12:11 |
| S53 | 14  | S51 not S49  | US-PGPUB;<br>USPAT;<br>USOCR | OR . | OFF | 2005/12/05 13:42 |
| S54 | 238 | yun near5 sang\$3  | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2005/12/05 12:15 |
| S55 | 226 | yun near3 sang\$3  | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2005/12/05 12:15 |
| S56 | 225 | yun near3 sang   | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2005/12/05 12:16 |
| S57 | 71  | yun-sang.in.   | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2005/12/05 12:17 |
| S58 | 2   | yun-sang-ho.in.  | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2005/12/05 12:17 |
| S59 | 2   | Yun near3 sang near3 h\$1  | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2005/12/05 12:28 |
| S60 | 0   | 2002/0126082.pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2005/12/05 12:40 |
| S61 | 1   | "20020126082".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2005/12/05 12:47 |
| S62 | 0   | ((gate near line)   (data near line))<br>same (((LCD) near (signal)) with<br>(RF near3 signal))  | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2005/12/05 12:48 |
| S63 | 0   | ((gate near line)   (data near line))<br>same (((LCD) near (signal)) with<br>(RF   wire\$1less\$2 near3 signal))   | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2005/12/05 12:48 |
| S64 | 0   | (((gate near line)   (data near line)) same (((LCD) near (signal)) with ((RF   wire\$1less\$2   acousti\$4   sound) near3 signal)))  | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2005/12/05 12:50 |

| S65 | 0    | ((LCD) same ((data near line\$1)  <br>(gate near line\$1)) same (signal<br>near driv\$3) with ((light adj pen)  <br>(stylus)   pen))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/12/05 13:08 |
|-----|------|--|------------------------------|----|-----|------------------|
| S66 | 1    | ((LCD) same ((data near line\$1)  <br>(gate near line\$1)) same (signal<br>near driv\$3) same ((light adj pen)  <br>(stylus)   pen))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/12/05 13:09 |
| S67 | 0    | ((LCD) same ((data near line\$1)   (gate near line\$1)) same (signal near driv\$3) same ((light adj pen)   (stylus)   pen)) same ("RF"   (radio adj frequenc\$3)   wire\$1less\$3   sound   acoust\$4) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/12/05 13:12 |
| S68 | 1    | ((LCD) & ((data near line\$1)   (gate near line\$1)) same (signal near driv\$3) same ((light adj pen)   (stylus)   pen)) same ("RF"   (radio adj frequenc\$3)   wire\$1less\$3   sound   acoust\$4)    | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/12/05 13:12 |
| S69 | 135  | ((LCD) & ((data near line\$1)   (gate near line\$1)) & (signal near driv\$3) & ((light adj pen)   (stylus)   pen)) & ("RF"   (radio adj frequenc\$3)   wire\$1less\$3   sound   acoust\$4)             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/12/05 13:13 |
| S70 | . 30 | S30 & S69  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/12/05 13:25 |
| S71 | 206  | 345/177.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/12/05 13:33 |
| S72 | 3359 | 345/173,177,179.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/12/05 13:34 |
| S73 | 655  | 178/18.03,18.04,19.02.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/12/05 13:34 |
| S74 | 180  | 345/104.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/12/05 13:38 |
| S75 | 0    | (radio adj frequenc\$3) & (LCD  <br>(liquid adj crystal)) & (horizonal<br>near5 (position   location)).clm.  | US-PGPUB                     | OR | OFF | 2005/12/05 13:40 |
| S76 | 0    | ((radio adj frequenc\$3)   (wire\$1less\$2   sound   acoust\$4)) & (LCD   (liquid adj crystal)) & (horizonal near5 (position   location)).clm.   | US-PGPUB                     | OR | OFF | 2005/12/05 13:43 |

| S77 | 56 | ((row   column   video   vertical   horizontal   gate   source) near3 driv\$3) near5 ((receiv\$3   detect\$3) near5 ("RF"   (radio adj frequenc\$3)))       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/05 13:42 |
|-----|----|---|---|----|-----|------------------|
| S78 | 0  | ((radio adj frequenc\$3)  <br>(wire\$1less\$2   sound   acoust\$4))`<br>& (LCD   (liquid adj crystal)) &<br>(horizonal near5 (position  <br>location)).clm. | US-PGPUB  | OR | OFF | 2005/12/05 13:44 |